: SADDLE FITTING, FWD (OUTBOARD/INBOARD)

Qty:

Each

8 Um:

Date:

Thursday, '01/05/2008 9:45:52 AM

User:

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

: D2571

: N/A

: E

: D2571 REV E

: 10/05/2008

Customer

: CU-DAR001 Dart Helicopters Services

Job Number **Estimate Number**

Type

S.O. No. :

: 38920 : 10530

P.O. Number This Issue

Prsht Rev.

First Issue

Previous Run

Julie Lecoca

: 01/05/2008

: NC

: //

: 38653

Written By

Checked & Approved By Comment

: Est: 1 02.10.02 Re-format; Change to Dwg Rev. D &

: MACHINED PARTS

incorporated D2572KJ

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

D6101007



Total: 1.0000 Each(s)/Unit

8.0000 Each(s)

Saddle Billet

7075-T7351 8.25X7.75X2.5

Make from D6101-007 billet for D2571 Ensure that grain is along 7.75" length

Batch No: **B34375**

2.0 HAAS1

Comment: Qty.:

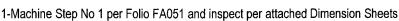
HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

Program Batch No. & Double check by: 5 L

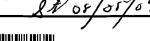




- 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets
- 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets
- 4-Deburr and remove all machining marks
- 5-Tumble to remove sharp edges.

MILLING CONV. 3.0

CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE

Machine keyway as per dwg D2571 & D2572

4.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES									
DATE	STEP	P PROCEDURE CHANGE		Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
						1					
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		and the state of t									
							-				

Part No: P2571 PAR #: NA Fault Category: Flod Hadrid PAR NCR Yes No DQA: Date: 08/05/22

QA: N/C Closed: Date: 08/05/22

NCR:	38920	.WC	ORK OR	DER NON-CONFORMANCE	(NCR)		* ***	
DATE	OTED	Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	1 / /3 1		Sign & Date	Section C	Chief Eng	QC Inspector
થુડીટ	23	SADDLE PULLED up and caused the SADDLE PULLED up and caused specially the sadDLE to turnst. appear to look to on the Bare of the solution tubes. L.C. too slow of a speed for a agrasive enomice	08/13 08/13	Abjust speed of to compa for the 14 sqs Ensmill Scrop and Destroy and Replace aby (x1) 13# B34875	St gr/os		B 0 13	ods/3
				what speed sys end miles Bre to be band out. Ordio 13				०७१८१३
			·					

NOTE: Date & initial all entries

Thursday, 01/05/2008 9:45:52 AM Date: User: 1 Julie Lecocq **Process Sheet** Drawing Name: SADDLE FITTING, FWD (OUTBOARD/INBOARD) Customer: CU-DAR001 Dart Helicopters Services Job Number: 38920 Part Number: D2571 Job Number: Seq. #: Machine Or Operation: Description: 5.0 QC8 SECOND CHECK Comment: SECOND CHECK HAND FINISHING1 6.0 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 START TIME: OVEN TEMPERATURE: FINISH TIME: INSPECT POWDER COAT/CHEMICAL CONVERSION 8.0 QC3 Comment: INSPECT POWDER COAT 9.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: FINAL INSPECTION/N/O RELEASE 10.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

Dart Aerospace Ltd

W/O:			WORK ORDER	CHANGES					
DATE STEP		PR	OCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			•						
				· · · · · · · · · · · · · · · · · · ·					
·		· *						<u> </u>	
Part No	·	PAR #:	Fault Category:	NC	R: Yes	No DQ	A:	_ Date: _	

QA: N/C Closed: ____

Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B		Verification		Annassal	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector	
						,			
			-						
		,							
						,			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order:	389 DO
Description: Saddle, Fwd Outboard	· · · · · · · · · · · · · · · · · · ·	Part Number:	D2571
Inspection Dwg: D2571 Rev. E			Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

	-			Re	corded Actu	ıal Dimensi	ons [,]		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443		0.443	0,443	.441	441		
В	1.745	1.755		1,749	1,750	1.750	1.750		
С	3.495	3.505		3.499	3.500	3,500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8,001.	4.902	8.002	8,002		
F	0.490	0.510		0.259	0.505	0.259	200		
G	0.257	0.262		0.259	0.259	0.259	0,259		•
<u> </u>	0.375	0.380		0.378	0.378	0.378	0.378		
<u> </u>	0.490	0.510		0.503	0.508	0.505	0.503		
J	1.174	1.184		1,179	1.179	0,505	1,178		
K	0.558	0.578		0.570	0.573	0,5715	0472		
L	1.174	1.184		1,179	1.179	1.190	1.180		
M	1.490	1.500	*	1,495	1,495	1.495	1.494		
N	2.495	2.505		2.500	2,500	2.500	2.499		
0	3.869	3.879		3.874	3,874	3.874	3.874		
Р	0.115	0.135		0.123	0.123	0.124	0.124		
Q	0.115	0.135		0.123	0.135	0.134	0.135		
R	0.240	0.260		0.248	0.248	0.248	0.249		
S	0.115	0.135		0,123	0.121	0,121	0.122		
T	0.178	0.198	٠	0.188	0.188	0.188	2.958		
U	2.940	2.980		2.960	0,188	2.960	2.958		
V	0.230	0.250		0.232	03.231	0.232	0.137		
W	0.115	0.135		0.118	0.122	0,119	0.119		
Х	0.308	0.313		,310	:310	136	1370		
Y	0.760	0.765		760	760	760	,760		
Z	0.352	0.372		0.365	0.366	. 366	.367		
AA	0.470	0.530		0.500	0.500	0,500	0.500		
AB	0.615	0.635	·	0.627	0.629	0.626	GOIT		
AC	0.053	0.073		0.0625	0.0625	0.0625	.052		
AD	0.240	0.260		0.243	0.243	0.243	0.243		· · · · · · · · · · · · · · · · · · ·
AE	1.375	1.395		1.3880	1.3905	1.3905	1.3895		
_AF	0.115	0.135		0.135	0.135	0,135	0.135		
AG	0.240	0.280		0.260	0,260	0.760	0.260		
AH	0.240	0.260		0.242	0.247	9.2475			
Al	2.000	2.020		2.0035	2.008	2004	02.004		· · · · · · · · · · · · · · · · · · ·
AJ	0.023	0.043		.033	-972	163-9	_ <u> </u>		
	Acc	ept/Reje	ct	<u> L</u>	L	l			·

	· · · · · · · · · · · · · · · · · · ·
Measured by: DTY	Audited by
Date: 08/05/10	Date: 08/05 //4

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.24	Re-format; Addéd Rev. D	KJ	
C.	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM OK	411

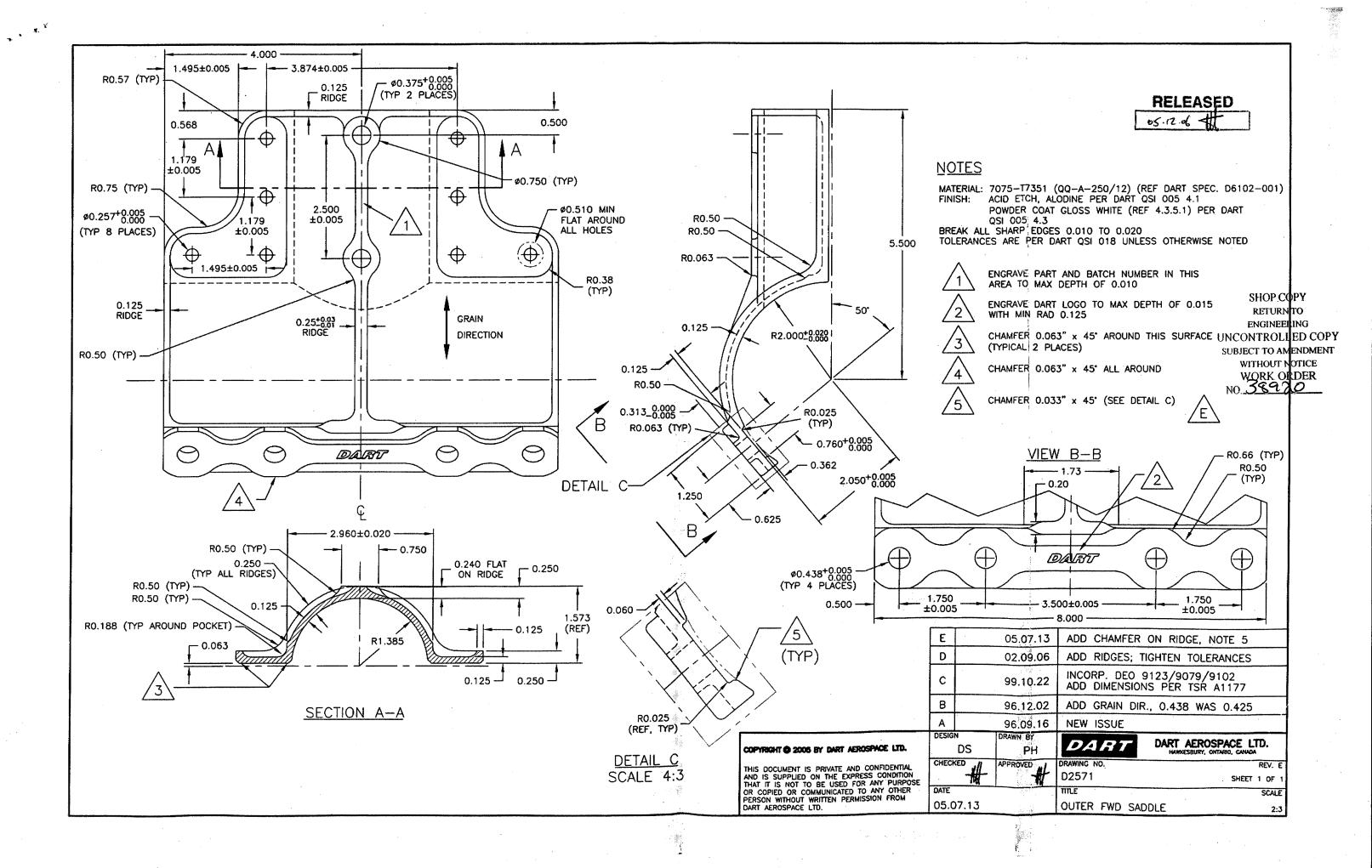
DART AEROSPACE LTD	Work Order:	38920
Description: Saddle, Fwd Outboard	Part Number:	D2571
Inspection Dwg: D2571 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

			E-VINE.	Red	corded Actu	ual Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	3	В	7	8	Ву	Date
Α	0.438	0.443		.441	.441	441	.441		
В	1.745	1.755		1,750	1,750	1.750	1.750		
O	3.495	3.505		3.500	3.500	3.500	3500		
ם	1.745	1.755		1.750	1.7500	1.750	1750		
Е	7.990	8.010		8.000	8.000	8.007	3.001		
F	0.490	0.510		-201	.502	.505	.505		
G	0.257	0.262		0.259	0.259	258	259		
H	0.375	0.380		0.378	0.378	376	377		
- 1	0.490	0.510		. 505	505	,500	.500		
J	1.174	1.184		1.179	1.177	1177	1179		
K	0.558	0.578		8-68	.267	.5-68	-570		
L	1.174	1.184	,	1,178	1.78	1179	1179		
М	1.490	1.500		1.496	1,495	1.495	1.495		
N	2.495	2.505	,	2.499	2.499	2.500	2.500		
0	3.869	3.879		3.872	3.874	3.374	3.874		
Ρ	0.115	0.135	-	0.123	0.12	122	-122		· · · · · · · · · · · · · · · · · · ·
Ø	0.115	0.135		0.135	0.135	1350	.135		
R	0.240	0.260		0.248	0.248	.248	.248		
S	0.115	0.135		.125	1120	1125	127		
_	0.178	0.198	•	0.188	0.188	. 188	-15-5-		
c	2.940	2.980		2,958	2.960	2.960	2.980		
>	0.230	0.250		,233	.240	,23L	237		
W	0.115	0.135		.120	.120	120	,121		
Х	0.308	0.313		.310	.370	1310	.3/0		
Υ	0.760	0.765		760	.760	. 760	.760		
Z	0.352	0.372		.362	-361	367	,361		
AA	0.470	0.530		0,500	0.500	(500)	,500		4
AB	0.615	0.635		.625	.625	625	1620		
AC	0.053	0.073		. 267	. 063	,063	-063		
AD	0.240	0.260		. 250	.250	1250	-210		
AE	1.375	1.395		1.385	.1381	1.381	1.389		
AF	0.115	0.135		1125	.125	,125	125		
AG	0.240	0.280		0.260	0,260	.260	.260		
AH	0.240	0.260		,250	,250	1245	-248		
Al	2.000	2.020		2.02	2.002	2.000	2.007		
AJ	0.023	0.043		.033	.033	1033			
	Acc	ept/Reje	ct	/					

Measured by: Audited by Date: Date: Date:	
Data: Data:	J.L
Date: 08/03/12/14	08/05/14

Rev	Date	Change	Revised by	Approved
Α -		New issue	RF	
В	02.09.24	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM o	



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